

**IN THE CLAIMS:**

Claim 1 has been amended as follows:

1. A tube for use in an anesthetic system, said tube comprising:

a substantially cylindrical housing having a cross-sectional area adapted for gas flow therethrough; and

an absorber for carbon dioxide disposed inside said housing and only occupying a portion of said cross-sectional area of said housing and having a surface facing said gas flow disposed to allow interaction of said absorber with said gas flow to adsorb carbon dioxide from said gas flow, while presenting substantially no impediment to said gas flow.

2. (Original) A tube as claimed in claim 1 wherein said housing has an interior surface, and wherein said absorber is disposed against said interior surface.

3. (Original) A tube as claimed in claim 1 wherein said absorber has a substantially hollow cylindrical shape.

4. (Original) A tube as claimed in claim 1 wherein said absorber has a substantially cylindrical shape and is disposed in a center of said housing coaxial with said housing.

5. (Original) A tube as claimed in claim 1 wherein said housing surrounds an interior space in said housing, and wherein said tube comprises a membrane disposed to separate said absorber from direct contact with said interior space, said membrane being permeable to carbon dioxide.

Claim 6 has been amended as follows:

6. (Currently Amended) A tubing system for use in an anesthetic system, said tubing system comprising:

a unit for adsorption and desorption of gaseous anesthetic;

an inspiration branch disposed downstream of said unit for adsorption and desorption of gaseous anesthetic, said inspiration branch comprising a tube having a substantially cylindrical housing with a cross-sectional area adapted for gas flow of a gas comprising said gaseous anesthetic therethrough

an adsorber for carbon dioxide disposed within said tube, and occupying only a portion of said cross-sectional area of said housing and having a surface facing said gas flow disposed to allow interaction of said adsorber with said gas flow to adsorb carbon dioxide from said gas flow, while presenting substantially no impediment to said gas flow.

Claim 7 has been amended as follow:

7. (Currently Amended) An anesthetic system comprising:

an anesthetic apparatus and a tubing system adapted to deliver gaseous anesthetic to a ~~respiration~~ respiring subject;

said tubing system having a unit ~~or~~ for adsorption and desorption of gaseous anesthetic and an inspiration branch disposed

downstream of said unit for adsorption and desorption of gaseous anesthetic;

said inspiration branch comprising a tube having a substantially cylindrical housing with a cross-sectional area adapted for gas flow of a gas comprising said gaseous anesthetic therethrough;  
and

an absorber for carbon dioxide disposed within said tube, and occupying only a portion of said cross-sectional area of said housing and having a surface facing said gas flow disposed to allow interaction of said absorber with said gas flow to adsorb carbon dioxide from said gas flow, while presenting substantially no impediment to said gas flow.